Waste Management Project

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WRAP

T Plant

WESF

Central Waste Complex

300 Area TEDF

200 Area LWPF

242-A Evaporator

INTRODUCTION

The Waste Management Project consists of Project Baseline Summary (PBS) RL-CP02, *200 Area Materials and Waste Management*, except for the Environmental Restoration Disposal Facility (ERDF).

NOTE: Unless otherwise noted, all information contained herein is as of the end of January 2003.

NOTABLE ACCOMPLISHMENTS

Transuranic (TRU) Waste Retrieval: Awarded a Mobile Assay Contract to Mobile Characterization Services on January 13, 2003. The drum-venting Request for Proposal was also issued on January 13, 2003. Phases two and three of the soil removal demonstration Simulation Test Site were completed on January 30, 2003. Conducted a site visit to Los Alamos National Laboratory's (LANL) Transuranic Waste Inspectable Storage Project (TWISP) to discuss details of work process, tour Solid Waste facilities and witness drum venting operations.

Mixed Low Level Waste (MLLW) Treatment: Completed seven shipments totaling 136 cubic meters (m^3) of MLLW debris and radioactive lead solids to ATG, Inc (ATG). Received four MLLW shipments totaling 35m^3 of macroencapsulated debris and radioactive lead solids from ATG. Treated 90.8m^3 of macroencapsulated debris and radioactive lead solids (pre-treatment volume).

Liquid Waste Processing: The Effluent /Treatment Facility (ETF) treated 1.92 million gallons of groundwater. The 242-A Evaporator completed processing of 1.07 million gallons of dilute tank waste, achieving a waste volume reduction of 388,000 gallons that is essential to long-term management of the tank wastes. The 300 Area Treated Effluent Disposal Facility treated and disposed of over 3.27 million gallons of industrial wastewater, supporting the cleanout of several 300 Area facilities.

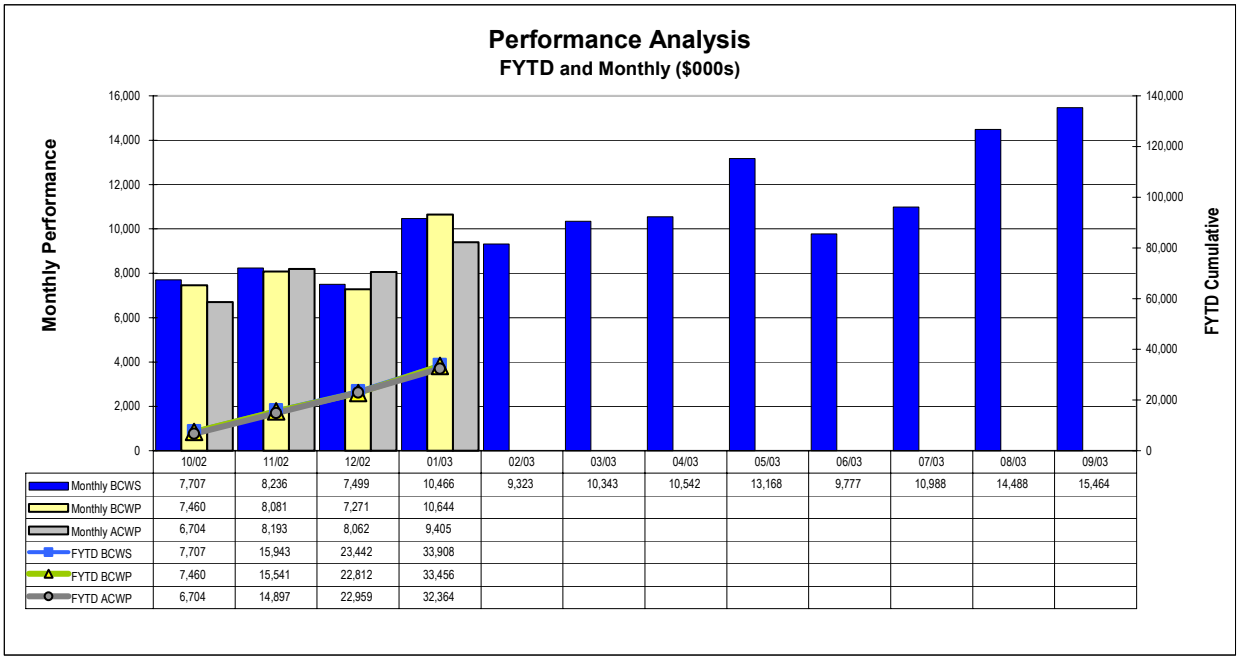
Capsule Storage: Submitted the capsule Documented Safety Analysis (DSA) and Technical Safety Requirement (TSR) to RL for approval.

FY03 SCHEDULE/COST PERFORMANCE ($000)

Schedule Performance: The unfavorable schedule variance is primarily that the Waste Isolation Pilot Plant (WIPP) non-destructive examination/non-destructive assay (NDE/NDA) production is slightly behind schedule. Work-around schedules have been developed to step up production and get back on schedule within the next two months.

Cost Performance: The favorable cost variance is primarily due to the credit for FY 2002 forfeited fee, staffing ramp-up and upgrades that have been delayed due to continuing resolution.

			Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance $	Schedule Variance %	Cost Variance $	Cost Variance %	Budget At Completion
3.3.2	CP02	200 Area Materials & Waste Management	33,908	33,456	32,363	-453	0	1,092	0	128,000



	10/02	11/02	12/02	01/03	02/03	03/03	04/03	05/03	06/03	07/03	08/03	09/03
Monthly BCWS	7,707	8,236	7,499	10,466	9,323	10,343	10,542	13,168	9,777	10,988	14,488	15,464
Monthly BCWP	7,460	8,081	7,271	10,644								
Monthly ACWP	6,704	8,193	8,062	9,405								
FYTD BCWS	7,707	15,943	23,442	33,908								
FYTD BCWP	7,460	15,541	22,812	33,456								
FYTD ACWP	6,704	14,897	22,959	32,364								

MILESTONE ACHIEVEMENT

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status / Comment
M-91-12A	Treat 240 Cubic Meters by 12/31/2002	TPA Enforceable	12-31-02		TBD	TPA renegotiation ongoing.
M-91-20	T Plant ready to rec. canister of K Basin floor pit sludge	TPA Enforceable	12-31-02		4/1103	Revised schedule (recovery plan submitted to RL).
M-26-05J	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-03		08-31-03	ON SCHEDULE
M-91-22	T Plant ready to rec. Canister & fuel wash sludge from K Basin	TPA Enforceable	02-29-04		02-29-04	ON SCHEDULE
M-91-07	Complete W-113 for Post 1970 CH TRU / TRUM Retrieval	TPA Enforceable	09-30-04		TBD	TPA renegotiation ongoing.
M-26-05L	Prep Biennial Tritium Treatment Tech Evaluation Report	TPA Enforceable	08-31-05		08-31-05	ON SCHEDULE

FY 2003 FH FUNDS VS. FORECAST ($000)

		Expected Funds	Spend Forecast	Variance
3.3.2	Waste Management RL-CP02	$ 128,000	$ 122,538	$ 5,462
	Project Completion - Operating			

ISSUES

T Plant Readiness to Receive K Basin Sludge: There is a potential impact to achieving readiness for K Basin Sludge receipt. A Conduct of Operations and Safety Awareness stand-down related to canyon activities was completed February 13, 2003. Construction work is to recommence February 18, 2003. FH expects completion of all construction activities by February 23 and forecasts dry runs to start February 24, 2003. The Major Stack Designation process is critical path. Readiness Self Assessments are currently 26% complete. Management Self Assessment and Readiness Assessment will start March 12, 2003 and March 21, 2003, respectively. T Plant expects to receive authorization to begin sludge receipt on or before April 10, 2003.

Low Level Burial Ground (LLBG) Trench Capacity: Disposal capacities for Low Level Waste (LLW) will be impacted in FY 2003 due to delays of National Environmental Policy Act (NEPA) documentation approval. The interim Environmental Assessment (EA) path agreed to by RL is in process. Strategic discussions on managing the EA for review were held on January 22, 2003. A draft EA was submitted to RL on January 8, 2003. RL was scheduled to release the draft EA for public review January 23, 2003, but missed this date since guidance was not received from HQ. The NEPA panel meeting occurred on February 5, 2003, but issues were not resolved. A follow-on meeting has been scheduled the week of February 18, 2003 after which a 45-day comment period is required. New trench capacity is scheduled to be available July 1, 2003 although the schedule is being evaluated based upon RL delays.

TRU Accelerated Process Line (APL): Install APLs and begin operations at assumed rates as soon as possible. A Carlsbad Field Office (CBFO) decision on what, if any, existing APLs will be deployed to Livermore will ultimately determine the availability for APL deployment to other sites such as Hanford. To support APL deployment decisions, Hanford owes CBFO a projected date when NEPA documentation will be in place to support APL operation. FH proposed that the APL deployment action could be covered under a Categorical Exclusion (CX) and will provide RL a completed CX by March 10, 2003. This will allow a decision by CBFO on APL delivery dates.

Mixed Waste Performance Incentive: Establish commercial mixed waste treatment capabilities to meet the contract Performance Incentive. FH is preparing a thermal de-sorption technology demonstration at Perma-Fix to be issued by February 14, 2003 allowing the first waste to be shipped the first week in March. FH is evaluating impacts with current Tri-Party Agreement milestone M-91 renegotiations. FH is also preparing two new requests for proposal for thermal treatment contract to be issued by February 28, 2003. A new ATG contract for non-thermal treatment was completed and is in the award phase. Contract is for two-and-a-half years effective July 1, 2003.